

### **ABSTRACT**

The present invention is directed to a method of inspecting a curved object comprising the steps of acquiring inspection image data of a curved object using a detector, generating adjusted image data by adjusting the inspection image data, and  
5 comparing the adjusted image data with digitally generated image data of a predetermined image. In one embodiment, golf balls are inspected using a line scan camera and a line of coplanar and parallel, diffuse light that uniformly illuminates the camera's scan line. A method of digitally filtering brightness in a digital image is also disclosed.

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